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**June 2021 SPED Update**

1 message

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**SPED** <constantcontact@spedweb.com>  
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To: joomla@spedweb.com

Sat, Jun 12, 2021 at 11:41 AM



**Society of Piping Engineers and Designers**



**June SPED Update**

**Membership News**

## New Members and Renewals

Gary Sanders  
Steven Hill  
Steve Husler  
Matthew Norris  
Jordan Johnson  
Ferdinand Uwoma Philip  
Sentilkumar Ramaswamy  
Cleumar Custodia  
Susan Yu  
Timothy Gray  
Chukwuemeka Joshua Okereke  
Eniko Joo  
Carla Scaldaferrri  
Mohamed Ali  
Mujahid Sheliya  
Wayne Stephens  
Robert Gilbert  
Ahmed Soliman  
Calhoun Garraway

## PPD Certification Achieved

Daniel Morton Level I  
Diana Yu Level II  
Christopher Nevitt Level II  
Solomon Emavwodia Level II  
Rinat Gayfullin Level II  
Dmitriy Gladchenko Level II

## PBC Completion

Tatiana Shapovalova PBC Part 2  
Stephen J. Blake PBC Full Course  
Fayez Cassis PBC Full Course

## What Do You Know About Heat-Jacketed Piping?



Great article on [heat-jacketed piping](#) from CSI Heat.



## On the Gripping Hand

The usual CAD input method is the keyboard + mouse, but over the years since the digitizing tablet became obsolete a number of additional devices have appeared on the market.

**How many of us have done this with our F1 keycaps out of frustration?**



**Below is a BAT Keyboard intended for use by people with disabilities. It employs chording type key entry similar to a court stenographer.**



**ShuttlePro v2 primarily used for video editing.**



**Razer Tartarus is usually used for computer gaming.**



**The Azeron Gaming Keypad is also usually used for computer gaming, but I'm going to try it for CAD work. It has the advantage of the user not having to look down to see where the keys are. It is 3D printed.**



The 3D Connexion SpaceMouse Enterprise is the only device here that is specifically intended for CAD use. If you currently use one you might be qualified to [pilot the Rocinante.](#)



Custom keycaps are a thing if you use a mechanical switch keyboard. Here are a couple early 3D prints; as yet unpainted Escape key and Autodesk logo key.



## **Free to SPED Members - High Purity Piping Module**

The SPED Board has released its new module on High Purity Piping. The module is free to SPED members. High-Purity piping is important in many industries, including:

- Food, Dairy, and Beverage
- Pharmaceutical
- Bioprocessing
- Semi-Conductor

This module is a quick overview of the standards and practices utilized in High-Purity piping and equipment.

The module is free to all SPED members. Registration can be done yourself, with the enrollment key given to you by this office.

For more information contact  
[catherine\\_van\\_der\\_walt@spedweb.com](mailto:catherine_van_der_walt@spedweb.com)

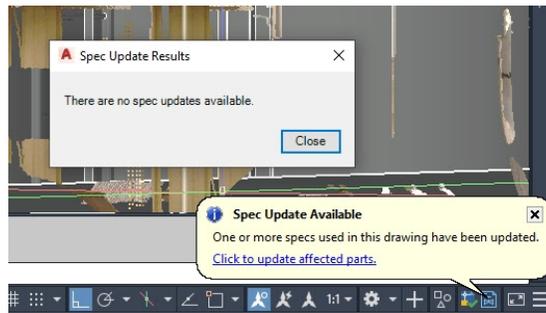
## **SPED Spedding**

This guy can teach you how to play Led Zeppelin's Stairway to Heaven on the guitar but he's not yet a SPED member.

## **18 Major Differences Between ASME B31.1 and B31.3**

<https://whatispiping.com/difference-asm-b31-3-and-b31-1/>

## **Ambiguous AutoCAD Plant 3D Message #573**



## **"Measure Twice, Cut Once"**

It seems like this time-honored phrase does not apply anymore, at least in the CAD world. Today it's more like "Start hammering before you have the raw material, save, cut 13 times when material does arrive (and then measure after the 13 cuts), tape material back together, cut again, reboot, drill multiple holes, undo, save, change material, install Windows Update, reboot, discover new broken feature in CAD software, swear and shake fist at screen."

## **SPED Training and Certification News**

**The [spedexams.com](http://spedexams.com) PPD Exams website has been merged into the [SPED.education](http://SPED.education) PPD Courses website. This change will save on server space and consolidate training-related content.**

## **Anton's PipingDesigners.com Jobs Board Has Been Rebooted**



## **Attributes and Uses of ASME Vessel Heat Transfer Surfaces**



Good primer article about vessel heat jacketing.

## **Special COVID-19 Home Study Pricing Continues for June 2021**

SPED recognizes that many of our members are under stay-at-home orders. We must work and study away from workplaces and schools.

Continuing for the months of May and June, SPED is offering a bundle price for its two online courses, ***Piper Bootcamp*** and ***Process Plant Layout***. For the price of the course (membership required), both the course and PPD Certification Testing and application is included. This is a US\$250 savings.

We hope this helps utilize the time productively. Please stay safe!

For more information contact  
[catherine\\_van\\_der\\_walt@spedweb.com](mailto:catherine_van_der_walt@spedweb.com)

## **REMINDER TO SPED MEMBERS TO UPDATE THEIR PROFILES AND PROVIDE A NON-WORK CONTACT EMAIL ADDRESS**

Many SPED members use their work email address when they join SPED, but this means that we will lose your contact details if you change jobs. Login at [spedweb.com](http://spedweb.com) and keep your email address up-to-date.

## **Weasel Words Two: How “Clean” Do You Want That?**

Former captive of Panama and rabble-rouser Sean Moran's Part Two article on The Theory of Relativity (of Cleanliness). Pull quote:

*"The product of any process which meets its specification has a non-zero, rationally predetermined acceptable level of contamination. In my experience, people can be a bit precious about this issue in the food and drink industry, just as people can in the safety business. Each incremental step we take towards perfection in either respect costs more than the one before it. Even if there were such a thing as perfect cleanliness, it would be neither practical nor affordable, and engineering is a practical, commercially minded business."*

If there's one thing missing from the world of the Professional Worriers it's a sense of practicality.

**Professional Piping Designer Certification**  
GET CERTIFIED WITH SPED  
FOR MORE INFORMATION: EMAIL [CVDM@SPEDWEB.COM](mailto:CVDM@SPEDWEB.COM) OR CALL 1-713-960-4478

**Are You Certified?**  
When choosing among piping, clients and employers know that Certified Professional Piping Designers (PPDs) meet the specific requirements of the process piping industry.

**LEVELS OF PPD CERTIFICATION**  
Level I Basic PPD, Properly Trained  
Level II Advanced PPD, Organized Work  
Level III Senior PPD, Manager, Assure Work  
Level IV Lead PPD, Manager, Assure Work

**About Certification**  
All PPD Levels require practical testing. Currently, level progression is based upon years of experience, education, and industry references. Level IV requires proven past supervisory experience.

**Steps to PPD Level I Certification**  
1. Submit a completed certification application form along with your resume and three references.  
2. Pass the PPD Level I Examination.  
3. SPED will review your application and assess results and determine if all criteria have been met. If all criteria are met, SPED awards certification.

**Steps to PPD Level Advance**  
1. To advance PPD Level, submit a completed certification application form along with your resume and three references.  
2. Pass the appropriate PPD Level examination.  
3. SPED will review your application and assess and determine if all criteria have been met. If all criteria are met, SPED awards certification. PPD Level II may require a review by the SPED Board of Directors.  
4. Annually renew your PPD Certification at [www.spedweb.com](http://www.spedweb.com).

**Two Steps to Renew**  
1. Complete and document the required PPD Professional Development Hours (PDHs) by logging in to your SPED account profile at [www.spedweb.com](http://www.spedweb.com).  
2. Go to [www.spedweb.com](http://www.spedweb.com), click on "join / renew".

Flexicraft is your one call for every style of expansion joint and flexible connector.



(Click link for video)

Don't forget that SPED is always on the lookout for member-written piping-related articles to publish at the website

**See you all next time!**

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